

1 **What Is Claimed Is**

2 1. An anti-gridlock wrench including:

3 □ a handle including an annular head defining a circular space, a
4 pothole not overlapping the circular space, a channel for
5 communicating the circular space with the pothole, an arched
6 recess and an annular groove both defined in a wall of the circular
7 space;

8 □ a clutch including two claws put in the arched recess and a spring
9 put between the claws, the claws each including a toothed face, a
10 first rod and a second rod, wherein the claws can easily enter the
11 arched recess since the first rods can move through the channel;

12 □ a controller put rotationally in the pothole for moving the rods;

13 □ a gear put in the circular space, the gear including a toothed face
14 for engagement with the toothed face of one of the claws,
15 wherein the second rods of the claws can impinge each other in
16 order to push one of the claws from the annular gear; and

17 □ a C-ring including an external edge put in the annular groove, an
18 internal edge for retaining the annular gear in the circular space
19 and a gate projecting from an upper face for blocking the channel.

20 2. The anti-gridlock wrench according to claim 1 wherein the second rod
21 of each of the claws is fit in an end of the spring.

22 3. The anti-gridlock wrench according to claim 1 wherein the gear is an
23 annular gear including a toothed internal face.

24 4. The anti-gridlock wrench according to claim 1 including a detent put
25 in a hole defined in a bottom of the pothole, and the controller defines

- 1 two recesses for receiving the detent.
- 2 5. The anti-gridlock wrench according to claim 1 wherein the controller
3 includes a disc put rotationally in the pothole.
- 4 6. The anti-gridlock wrench according to claim 5 wherein the disc
5 defines an arched recess for receiving the rods.
- 6 7. The anti-gridlock wrench according to claim 5 wherein the controller
7 includes a ridge formed on the disc.
- 8 8. The anti-gridlock wrench according to claim 5 wherein the controller
9 includes a C-ring with an internal edge put in an annular groove
10 defined in the disc and an external edge put in an annular groove
11 defined in a wall of the pothole.
- 12 9. The anti-gridlock wrench according to claim 5 wherein the controller
13 includes a rod projecting from the disc and through an aperture
14 defined in the annular head, an annular groove defined in the rod, and
15 a C-clip including an internal edge put in the annular groove and an
16 external edge for abutment against the annular head.
- 17 10. The anti-gridlock wrench according to claim 5 wherein the controller
18 includes a hole defined in the disc and a bolt driven into the hole
19 through an aperture defined in the annular head.